

ABSTRACT OF THE DISCLOSURE

In the vibration-proof apparatus of the present invention, a controller controls to successively and selectively operate one switching valve of N switching valves which are connected to an equilibrium chamber in synchronous with the inputted vibration from the vibration-generating portion, and alternately introduce negative pressure and atmospheric pressure, through the selected switching valve, into the equilibrium chamber. By this, in synchronous with the inputted vibration, the internal pressure (atmospheric pressure) of the equilibrium chamber is changed, and the internal volume thereof is also changed, and due to the change of the volume of the equilibrium chamber, the change (raise) of the liquid pressure occurring during the inputting of vibration within the pressure-receiving liquid chamber can be absorbed. At this point, since N switching valves are connected to the equilibrium chamber, as compared to the case in which one switching valve is provided, the cycle for operating each switching valve can be extended by about N times.